

PATENT

Atty. Dkt. No. WEAT/0532

IN THE CLAIMS:

Please amend the claims as follows:

1. – 39. (Cancelled)

Please add the following new claims:

40. (New) A method of rotating a downhole tool, comprising:
placing a tubular string having a motor therein, the motor comprising:
a housing having a shaped inner bore;
a rotor having a plurality of extendable members disposed on the outer surface thereof;
a first fluid pathway through the downhole tool, wherein the fluid pathway includes at least one inlet, at least one outlet and at least one chamber formed between the shaped inner bore and the rotor; and
a second fluid pathway through the downhole tool, wherein the second fluid pathway is separate from the first fluid pathway;
extending the members into the at least one chamber to form a differential surface area between an outer surface of the rotor and the shaped inner bore;
pumping fluid through the at least one inlet to pressurize the at least one chamber;
creating a force on a substantially flat differential surface area, thereby causing the rotor to rotate;
exhausting fluid through the at least one outlet; and
pumping a ball through the second fluid pathway to an area below the motor.
41. (New) The method of claim 40, further including indicating that the motor is stalled when the motor is not operating.

PATENT

Atty. Dkt. No. WEAT/0532

42. (New) The method of claim 40, further including diverting fluids containing particles and/or solids through the second fluid pathway.
43. (New) The method of claim 40, further including selectively diverting clean fluids through the first fluid pathway.
44. (New) The method of claim 40, further including pumping a predetermined amount of fluid through the first fluid pathway and pumping a second predetermined amount of fluid through the second fluid pathway.
45. (New) The method of claim 40, further including wiping the shaped inner bore with the plurality of members as the rotor rotates.
46. (New) A method of rotating a downhole tool, comprising:
placing a tubular string having a motor therein, the motor comprising:
a housing having a shaped inner bore;
a rotor having a plurality of extendable members disposed on the outer surface thereof;
a first fluid pathway through the downhole tool, wherein the fluid pathway includes at least one inlet, at least one outlet and at least one chamber formed between the shaped inner bore and the rotor; and
a second fluid pathway through the downhole tool, wherein the second fluid pathway is separate from the first fluid pathway;
extending the members into the at least one chamber to form a differential surface area between an outer surface of the rotor and the shaped inner bore;
pumping fluid through the at least one inlet to pressurize the at least one chamber;
creating a force on a substantially flat differential surface area, thereby causing the rotor to rotate;
exhausting fluid through the at least one outlet; and

PATENT

Atty. Dkt. No. WEAT/0532

cleaning an area of the wellbore below the motor by pumping a fluid through the second fluid pathway.

47. (New) The method of claim 46, further including indicating that the motor is stalled when the motor is not operating.

48. (New) The method of claim 46, further including diverting fluids containing particles and/or solids through the second fluid pathway.

49. (New) The method of claim 46, further including selectively diverting clean fluids through the first fluid pathway.

50. (New) The method of claim 46, further including wiping the shaped inner bore with the plurality of members as the rotor rotates.

51. (New) A drilling system for use in a wellbore comprising:
a tubular;

a motor having a first fluid pathway and a second fluid pathway, the motor includes a mesh material disposed in the first fluid pathway to limit the size of particles traveling therethrough; and

a rotatable downhole tool operatively connected to the motor.

52. (New) The drilling system of claim 51, wherein the first fluid pathway includes at least one chamber formed between a shaped inner bore and a rotor of the motor.

53. (New) The drilling system of claim 52, wherein a fluid is flowable through a portion of the first fluid pathway into an end of the at least one chamber to operate the motor.

54. (New) The drilling system of claim 52, wherein the rotor includes a plurality of extendable members.

Page 4

425796_1

PATENT

Atty. Dkt. No. WEAT/0532

55. (New) The drilling system of claim 54, wherein the plurality of extendable members are configured to wipe the shaped inner bore as the rotor rotates.
56. (New) The drilling system of claim 51, further including a downhole tool disposed below the motor.
57. (New) The drilling system of claim 56, wherein a ball is movable through the second fluid pathway of the motor to actuate the downhole tool.
58. (New) The drilling system of claim 51, wherein the second fluid pathway includes a restriction member to control the flow of fluid therethrough.
59. (New) The drilling system of claim 58, wherein the restriction member creates a predetermined back pressure to indicate an operating condition of the motor.
60. (New) The drilling system of claim 58, wherein the restriction member is configured to indicate that the motor is stalled when the motor is not operating.
61. (New) The drilling system of claim 51, wherein the second fluid pathway is separated from the first fluid pathway.
62. (New) A tool for use in a wellbore, comprising:
a housing having a substantially elliptical shaped inner bore;
a rotor having a plurality of extendable members disposed on the outer surface thereof; and
a first fluid pathway through the tool, wherein the fluid pathway includes at least one chamber formed between the elliptical shaped inner bore and the rotor;
a second fluid pathway through the tool, wherein the second fluid pathway is separate from the first fluid pathway; and

PATENT

Atty. Dkt. No. WEAT/0532

a mesh material is disposed in the first fluid pathway for selectively controlling the type of particles entering into the first fluid pathway.

63. (New) The tool of claim 62, wherein the second fluid pathway includes a restriction member configured to indicate that the tool is stalled when the motor is not operating.

64. (New) The tool of claim 62, wherein each extendable member is biased radially outward by a biasing member.

65. (New) The tool of claim 62, further including a mesh material disposed in the first fluid pathway for selectively controlling the size of particles entering into the first fluid pathway.